

Requirement Analysis & Design Definition (RADD)

Module - 7



6 Knowledge Area

Describe the practice of business analysis as it is applied within the boundaries of a project or throughout enterprise evolution and continuous improvement

Business Analysis Planning & Monitoring

Elicitation & Collaboration

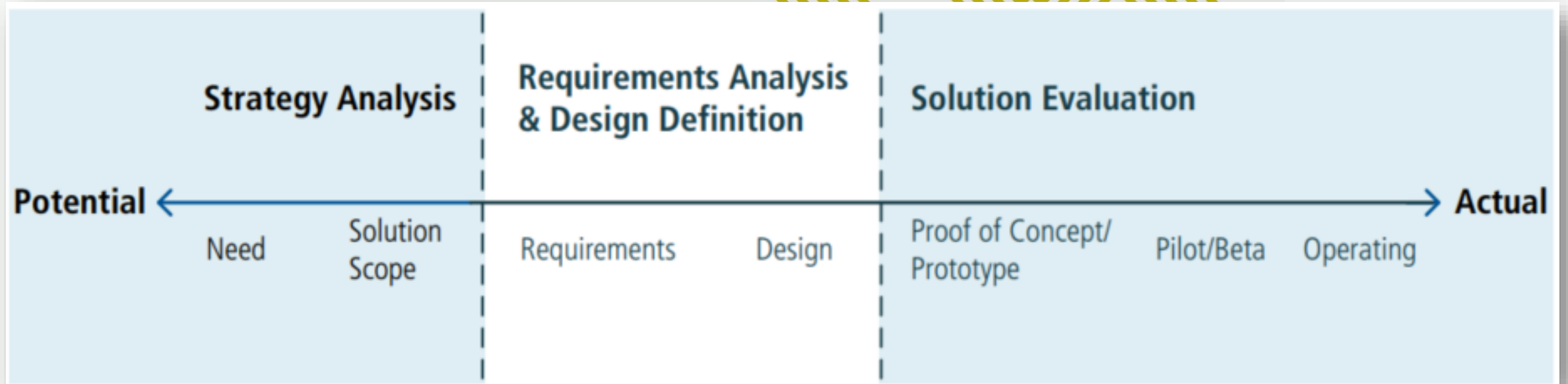
Requirements Life Cycle Management

Strategy Analysis

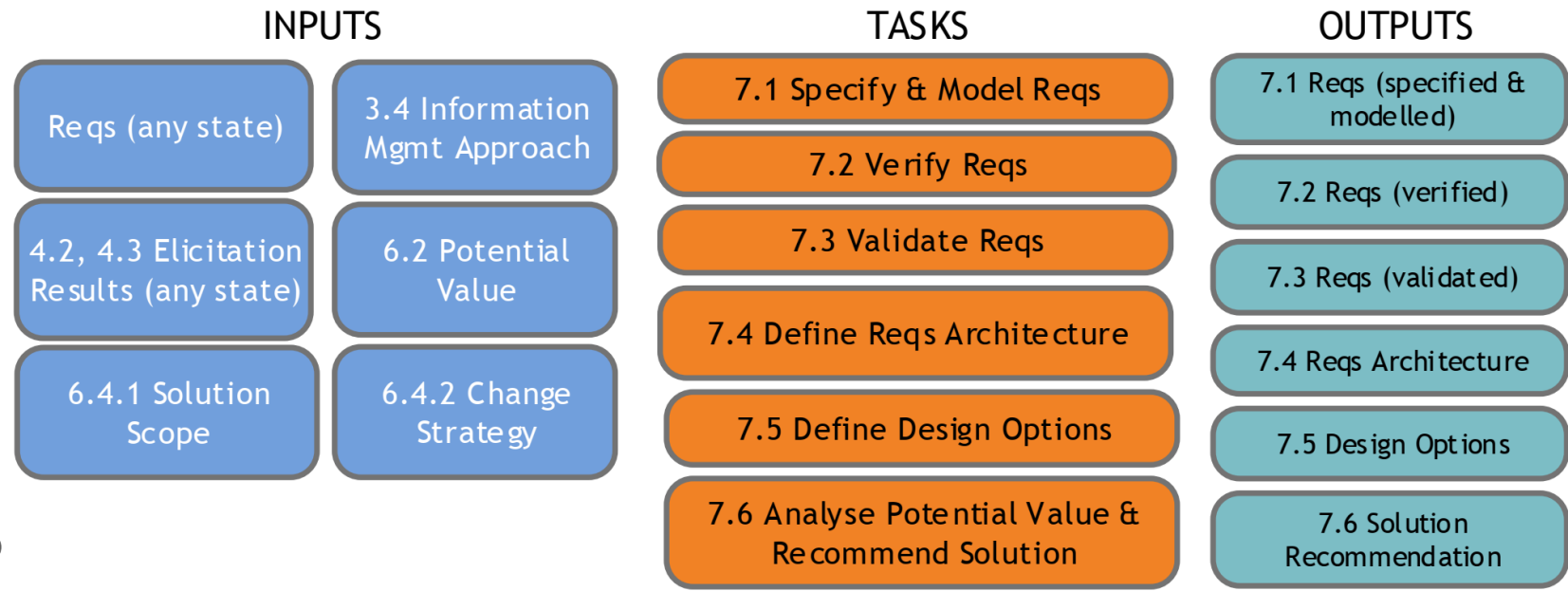
Requirement Analysis & Design Definition (RADD)

Solution Evaluation

Business Analysis Value Spectrum



REQUIREMENTS ANALYSIS & DESIGN DEFINITION



—GUIDELINES/TOOLS—

Architecture Management S/ware
 Business Objectives
 Current State Description
 Existing Solutions
 Future State Description
 Legal/Regulatory Information
 Methodologies and Frameworks
 Modelling Notations/Standards
 Modelling Tools
 Potential Value
 Requirements Architecture
 Reqs Lifecycle Management Tools
 Requirements (traced)
 Risk Analysis Results
 Solution Scope

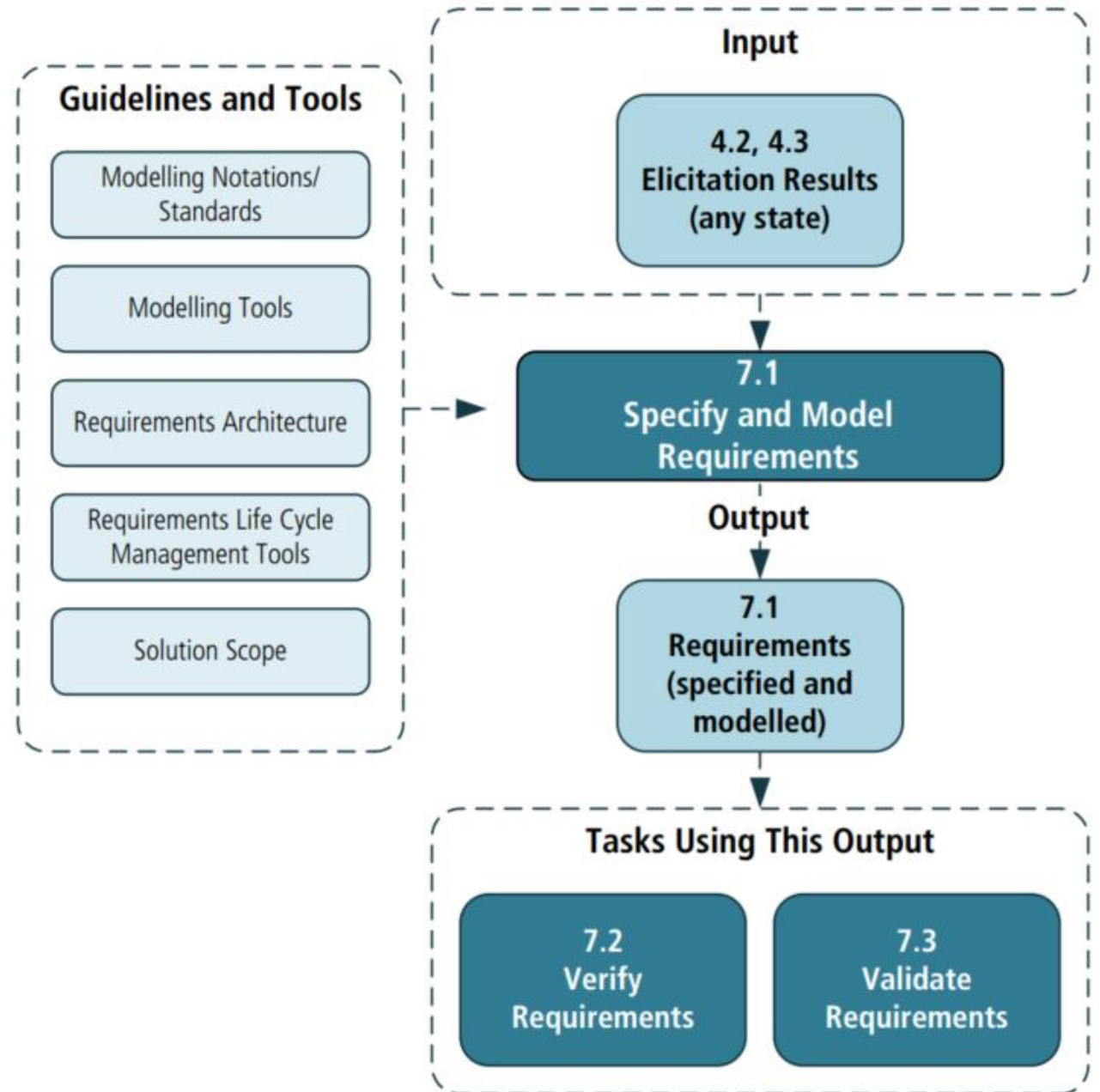
—TECHNIQUES—

Acceptance Criteria & Eval. Backlog Management Benchmarking & Market Analysis Brainstorming Business Capability Analysis Bus. Rules Analysis Business Case Bus. Model Canvas Concept Modeling Data Dictionary Data Flows Diagram Data Modelling Decision Analysis Decision Modeling	Document Analysis Estimation Financial Analysis Focus groups Func. Decomposition Glossary Interface Analysis Interviews Item Tracking Lessons Learned Metrics & KPIs Mind Mapping Non-Func. Reqs Analysis Org. Modeling	Process Modeling Prototyping Reviews Risk Analysis & Mgmt Root Cause Analysis Scope Modeling Sequence Diagrams Stakeholder List, Map State Modeling Survey/Questionnaire SWOT Analysis Use Cases & Scenarios User Stories Vendor Assessment Workshop
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7.1 Specify and Model Requirements

Purpose

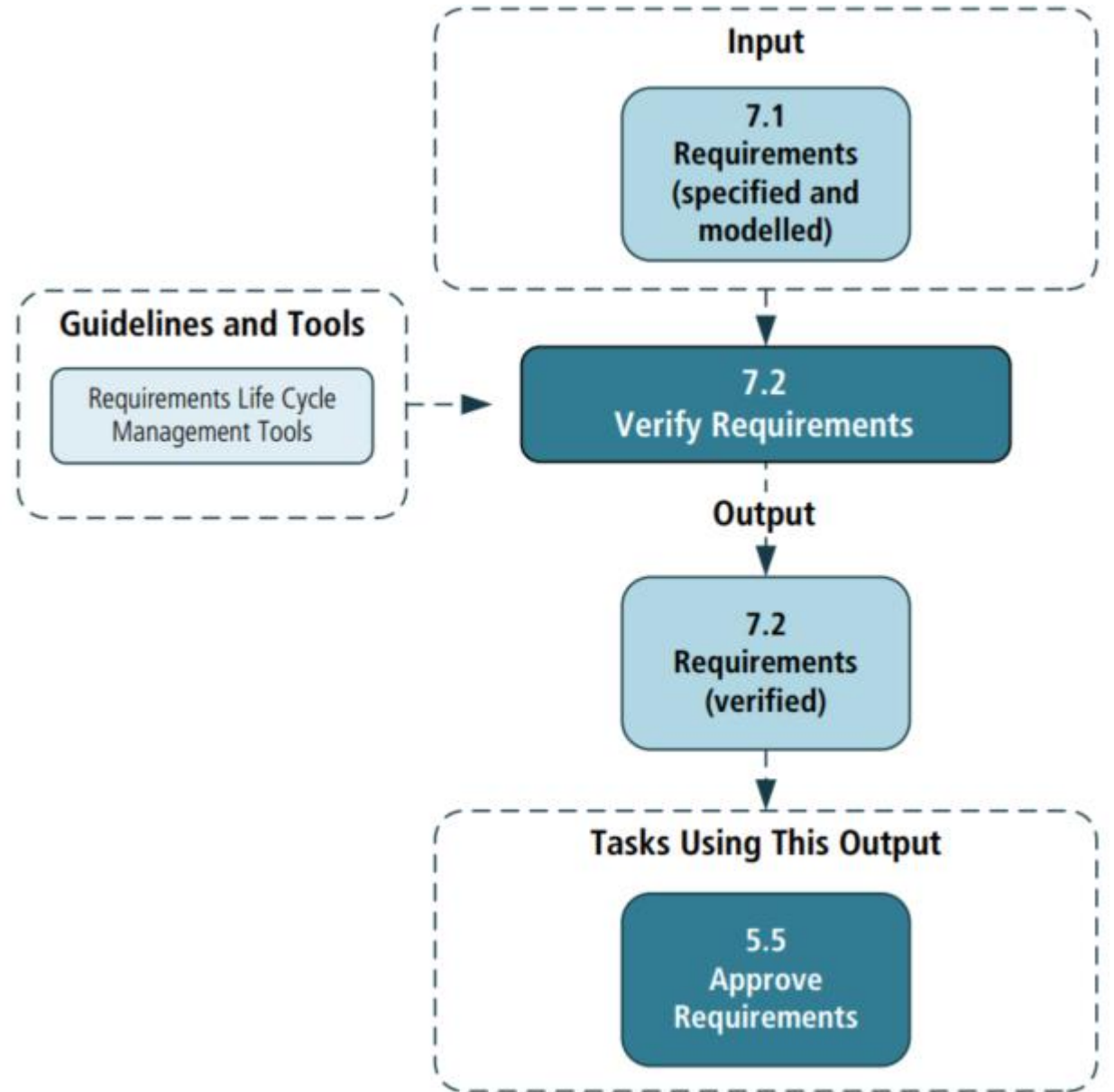
- to analyze, synthesize, and refine elicitation results into requirements and designs.



7.2 Verify Requirements

Purpose

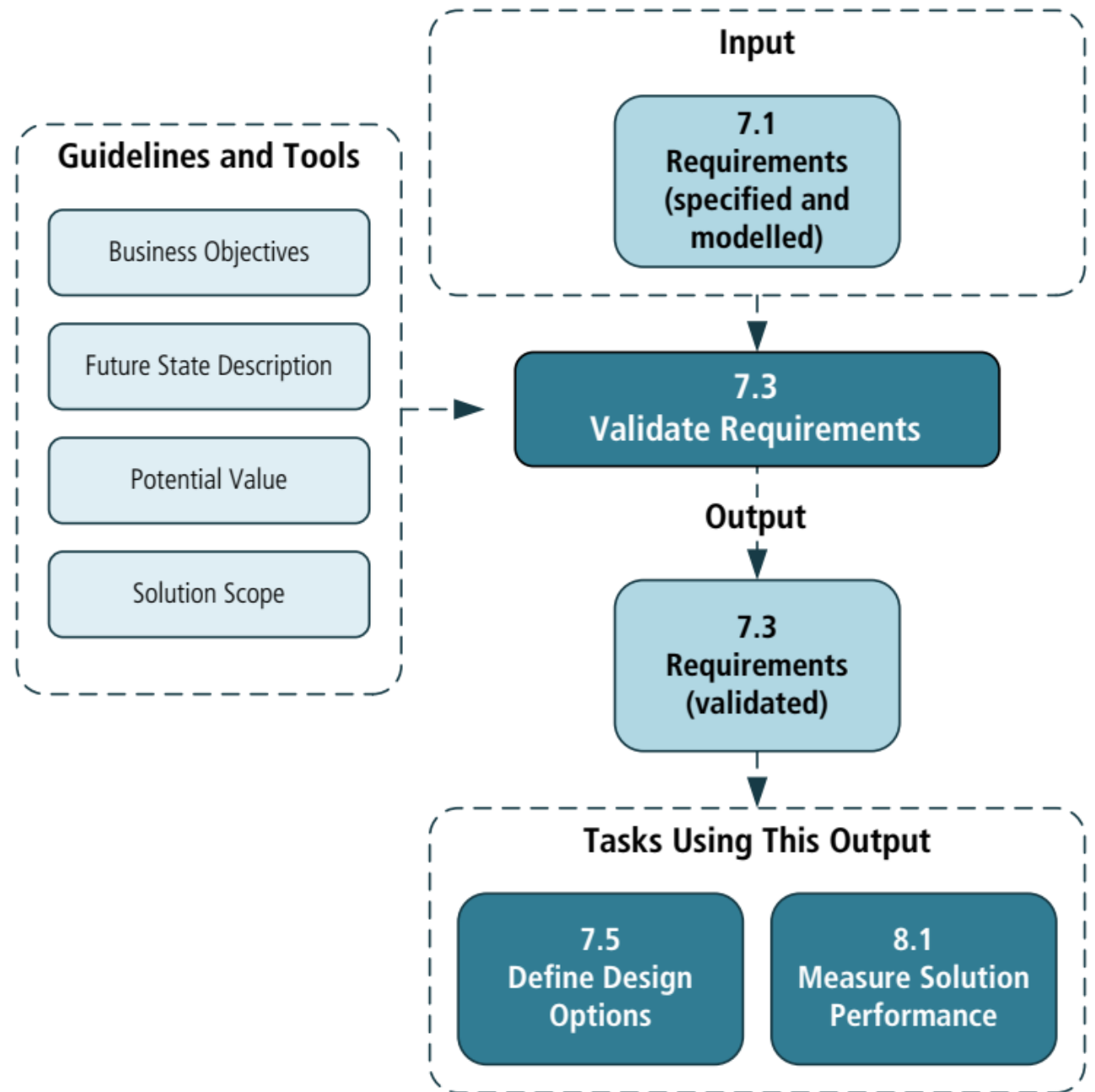
- to ensure that requirements and designs specifications and models **meet quality standards** and are usable for the purpose they serve.



7.3 Validate Requirements

Purpose

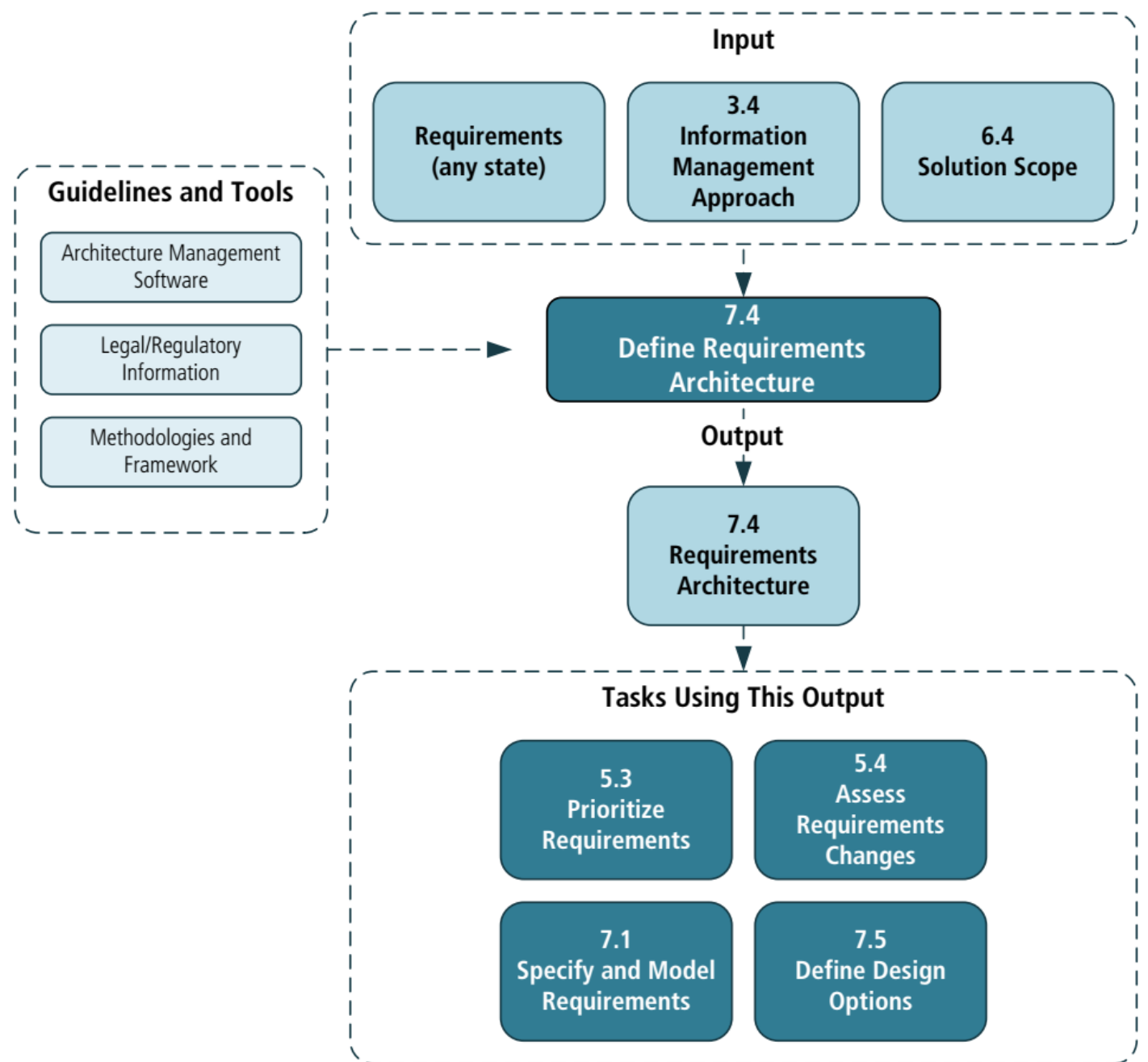
- to ensure that all requirements and designs **align to the business requirements** and support the delivery of needed value.



7.4 Define Requirements Architecture

Purpose

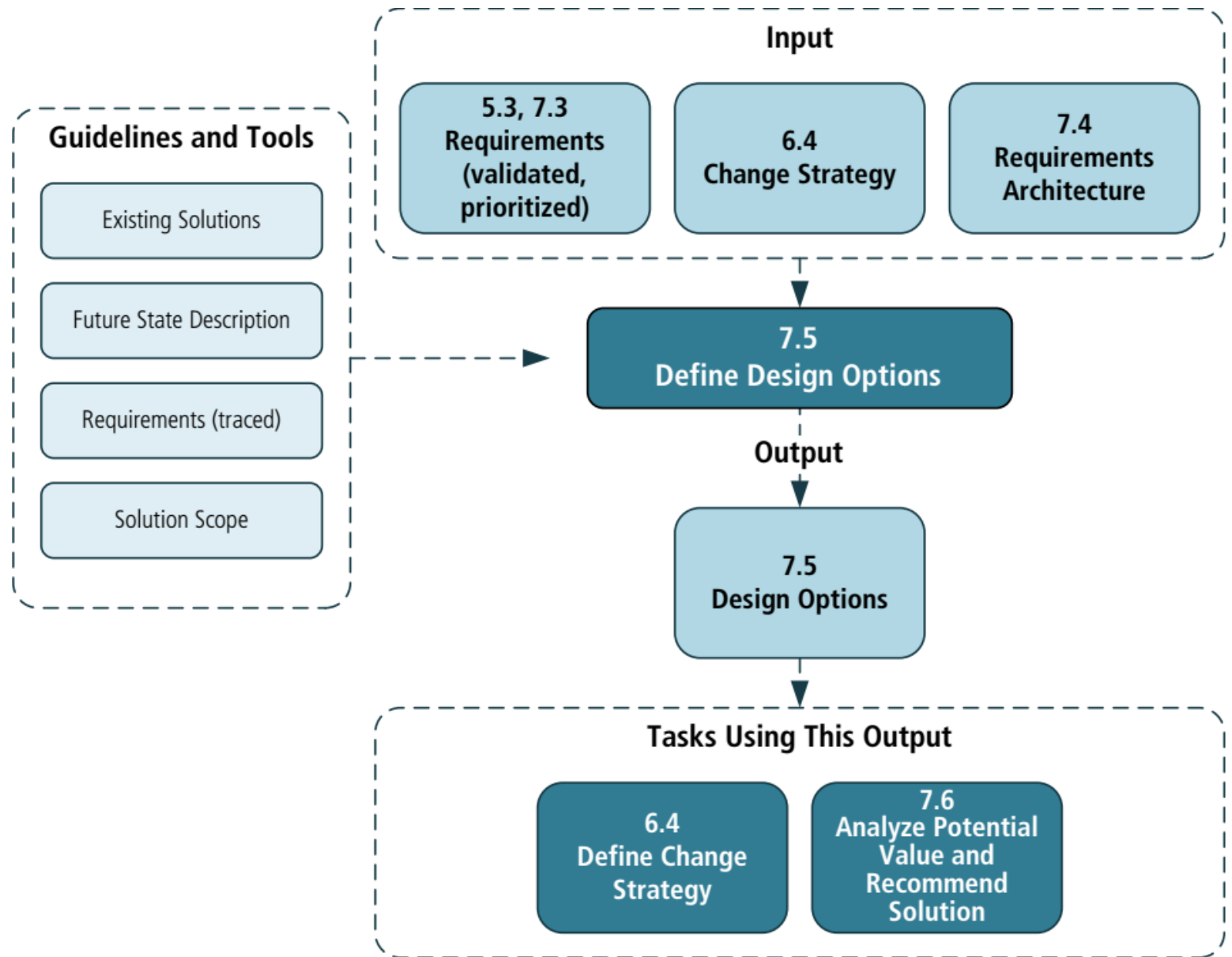
- to ensure that the requirements collectively **support** one another to fully achieve the objectives.



7.5 Define Design Options

Purpose

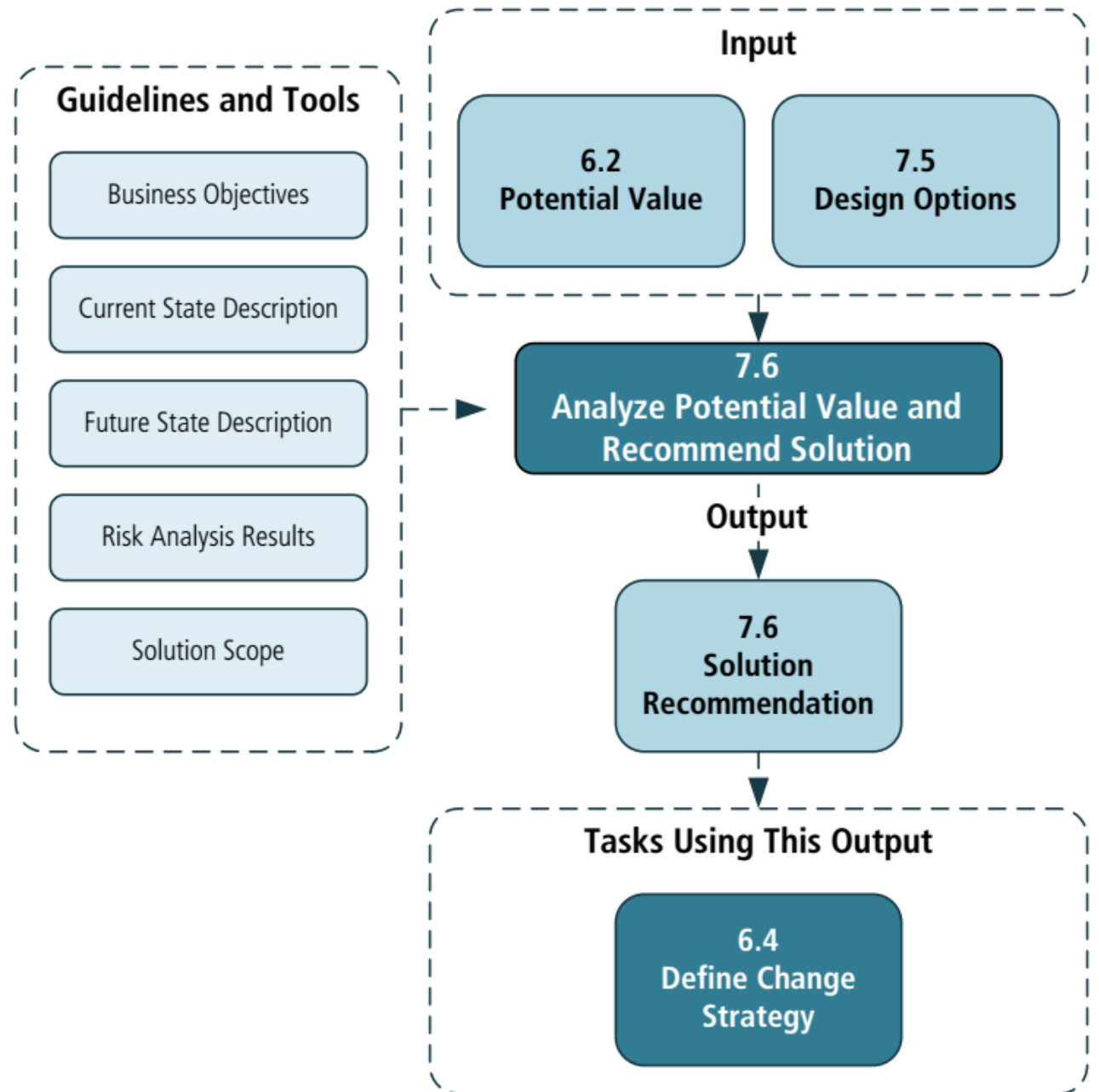
- to define the **solution approach**,
- **identify opportunities** to improve the business,
- **allocate requirements** across solution components, and
- **represent design options** that achieve the desired future state.



7.6 Analyze Value and Recommend Solution

Purpose

- to **estimate** the **potential value** for each design option and
- to **establish** which one is **most appropriate** to meet the enterprise's requirements.





Ari Cahyono
+62 815 7800 4470
arcaism@gmail.com
[Arca Studio](#)

